

Claim 1. (amended once) A glycoconjugate formed by non-covalent association of a polysaccharide with a polypeptide, wherein the polysaccharide has a molecular weight between 50 and 250 KDa, supporting phosphate functional groups in range 1 of these phosphate groups by between 5 and 25 residues of monosaccharide, with 40% mannose, and glucose and/or galactose, making up a main skeleton integrated by 1-6 bonds with 1-2 branches not higher than 60%; wherein the polypeptide comprises a consensus amino-acid sequence determined by $Z_{3-48}CZ_{9-13}C(Q,E,R,K)Z(Z_{\text{hydrophobic}})(LIVM)Z_{15-39}CC(Z_{\text{hydrophilic}})(Q,E,H)(L,V)Z_6CZCZ_2(L,I)Z_{13-56}GZ_{15-26}CZ(V,I,L,M)Z_{1-8}CZ_{1-12}$, where the parentheses indicate a preferential order, and wherein Z_n is selected from the group consisting of n-amino acids.

Claim 2. (amended once) A glycoconjugate as claimed in Claim 1, wherein the polypeptide comprises one or two polypeptides, wherein a mol/mol relation between the two polypeptides is between 1/3 and 3/1.

Claim 3. (amended once) A glycoconjugate as claimed in Claim 1, wherein the polypeptide is a dimer having a molecular weight of 12 ± 0.5 KDa, wherein the dimer has a minor subunit and a major subunit,
wherein the minor subunit is
ESKGEREGSSSSQQ**CR**QEVQRKDLSS**CE**RY**LR**QSSSR or
PSQQG**CR**GQIQEQQNL**RQ****CQ**EY**IK**QQVSGQ**GP**RR; and wherein the major subunit is